# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Monday 18 Oct 2021 until 23:59 on Tuesday 19 Oct 2021

Forecast Issued on Sunday 17 Oct 2021 at 11:53

**Confidence:** High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

**Headline for Monday 18 Oct 2021:** Best of morning brighter spells in east. Rain, drizzle increasingly developing from afternoon.

**Mountain weather hazards on Monday 18 Oct 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain | Light rain | Cloudy | Sunny intervals | Cloudy | Light rain | Light rain | Light rain |
| Precipitation probability | | | | | | | |
| 70% | 40% | 20% | 10% | 20% | 60% | 70% | 80% |

**Forecast for Monday 18 Oct 2021**

**Weather:** Overcast during the early hours with some patchy light rain and drizzle, then tending to turn largely dry towards dawn with cloud breaking to bring some limited brighter spells, chiefly to the east. Most staying dry through the morning with best of the brighter spells across eastern ranges. Gradually cloud thickening and lowering for the afternoon bringing periods of light rain and drizzle, these more focused in the west. Remaining dull with patchy rain and drizzle during the evening.

**Chance of cloud free mountain/hill tops above 800m:** Initially 15% in west and 50% in east, later virtually nil in west and 10% in east.

**Visibility:** Moderate or poor in rain and drizzle, very poor in hill fog which will be focused across the west, particularly later in the day as bases become extensive from 450-600m.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Monday 18 Oct 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 23/29 SW | 20/26 S | 24/30 S | 25/33 SE | 29/38 S | 31/40 S | 26/34 S | 20/26 S | 18/24 S |
| **600** | 19/26 SW | 17/25 S | 19/28 S | 24/34 SE | 27/37 S | 26/36 S | 22/32 S | 19/27 S | 18/26 S |
| **300** | 7/20 SW | 7/19 S | 8/21 S | 9/24 S | 10/27 S | 10/27 S | 10/24 S | 8/20 S | 10/20 S |
| **Valley** | 8/19 S | 6/16 S | 6/17 SE | 8/20 SE | 11/25 SE | 10/24 S | 11/23 S | 10/20 S | 10/19 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 9/5 | 8/4 | 8/4 | 9/4 | 9/4 | 9/5 | 10/6 | 10/7 | 10/6 |
| **600** | 11/7 | 10/7 | 9/6 | 9/5 | 10/5 | 11/7 | 11/8 | 12/8 | 11/8 |
| **300** | 12/11 | 12/10 | 11/9 | 11/9 | 11/9 | 12/10 | 13/11 | 13/12 | 13/11 |
| **Valley** | 14/12 | 13/13 | 13/12 | 12/11 | 13/11 | 14/13 | 14/13 | 14/13 | 14/13 |
| **Freezing Level*** | 2700m | 2400m | 2700m | 2800m | 3000m | 2800m | 2600m | 2700m | 2900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Very difficult navigation in the west later in the day with extensive hill fog.

**Forecast for Tuesday 19 Oct 2021**

**Weather:** Predominantly cloudy with showers or longer periods of rain, which may turn heavy at times, chiefly later in the day. Best of drier conditions across the east of the park, where some brighter interludes may develop.

**Maximum wind:** South increasing 25-30mph from early afternoon, with gusts 45mph over most exposed ridges and summits.

**Chance of cloud free mountain/hill tops above 800m:** Virtually nil in west, 15% in east.

**Visibility:** Moderate or poor in rain or showers, very poor in hill fog which will be focused across the west where bases are expected to be extensive from 450-600m.

**Temperature:** **Valleys:** Plus 9 Celsius increasing 17 Celsius during the afternoon
**At 800m:** Plus 10 Celsius
**Freezing level:** Above all summits

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**Ground Conditions Supplement**
No recent ground conditions report available.

Issued at: 1153 on Sun 17 Oct 2021

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